

Hollinger Public Blast Report



Blast Pattern: 3328_024, 3328_011 PS-B, Misshole 58
Date: 3-Aug-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 16.9 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.9 LAeq	109.0 dB
Edwards:	48.5 LAeq	102.4 dB
Fred:	43.6 LAeq	100.4 dB
Hollinger Office:	55.1 LAeq	113.3 dB
Noah:	61.4 LAeq	104.3 dB
Sandy:	44.9 LAeq	105.1 dB
Water Tower:	54.5 LAeq	112.0 dB
Wilson:	48.3 LAeq	107.2 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	7.9	1.5	2.4
Edwards:	5.6	5.8	9.9	11.0
Hollinger Office:	7.3	7.7	9.7	11.5
Sandy:	8.4	13.7	13.0	30.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.1	0.3
Edwards:	1.0	1.4
Hollinger Office:	1.7	2.8
Sandy:	2.0	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.8	0.8	1.5
Hollinger West:	1.6	0.9	1.9
Imerys:	0.9	1.1	1.2
Noah:	0.9	0.6	0.9
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	1.5	0.6	1.3
Water Tower:	1.0	0.9	1.7
Wilson:	3.3	2.5	2.8